

**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

### Reclamation District No. 2094 Wathal

| Waterway                      | Bank  | Unit Miles | Inspection Start/End     | Inspector        |
|-------------------------------|-------|------------|--------------------------|------------------|
| Unit No. 01 San Joaquin River | Right | 2.78       | 04/11/2017<br>04/11/2017 | Maksim Khashchuk |

|  |                               |              |                        |            |           |
|--|-------------------------------|--------------|------------------------|------------|-----------|
| LM Start   |                               | Rating **    | A                      | Issue No.  | <b>10</b> |
| LM End   |                               | Issue Type + | Ma                     | Location * | N/A       |
| Category   | Earthen Levee                 |              | GPS Latitude/Longitude |            |           |
|  |                               |              | Start                  | End        |           |
| Item   | Flood Preparedness & Training |              |                        | °          | °         |
|  |                               |              |                        | °          | °         |
| DWR ID   | DWR_RD2094_01_s_2013_10       |              |                        |            |           |
| Comment Code   |                               |              |                        |            |           |
|  |                               |              |                        |            |           |
| Inspector Comment  |                               |              |                        |            |           |
| LMA has a flood response plan in the office. It is recommended for LMA and interested local volunteers to take a flood fight training class in order to refresh on skills and methods. |                               |              |                        |            |           |

No Photos

|                             |                                |              |                        |            |           |
|-----------------------------|--------------------------------|--------------|------------------------|------------|-----------|
| LM Start                    |                                | Rating **    | A                      | Issue No.  | <b>11</b> |
| LM End                      |                                | Issue Type + | Ma                     | Location * | N/A       |
| Category                    | Earthen Levee                  |              | GPS Latitude/Longitude |            |           |
|                             |                                |              | Start                  | End        |           |
| Item                        | Emergency Supplies & Equipment |              |                        | °          | °         |
|                             |                                |              |                        | °          | °         |
| DWR ID                      | DWR_RD2094_01_s_2013_11        |              |                        |            |           |
| Comment Code                |                                |              |                        |            |           |
|                             |                                |              |                        |            |           |
| Inspector Comment           |                                |              |                        |            |           |
| Supplies available on-site. |                                |              |                        |            |           |

No Photos

|  |  |   |   |
|--|--|---|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable | N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|--|--|---|---|

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|-------------------------------|-------|------------|--------------------------|------------------|
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|                                       |                                  |              |                        |            |     |
|---------------------------------------|----------------------------------|--------------|------------------------|------------|-----|
| LM Start                              |                                  | Rating **    | A                      | Issue No.  | 12  |
| LM End                                |                                  | Issue Type + | Ma                     | Location * | N/A |
| Category                              | Earthen Levee                    |              | GPS Latitude/Longitude |            |     |
|                                       |                                  |              | Start                  | End        |     |
| Item                                  | Operations & Maintenance Manuals |              |                        |            |     |
| DWR ID                                | DWR_RD2094_01_s_2013_12          |              |                        |            |     |
| Comment Code                          |                                  |              |                        |            |     |
| Inspector Comment                     |                                  |              |                        |            |     |
| O&M Manual available at LMA's office. |                                  |              |                        |            |     |

No Photos

|  |                        |              |                        |               |    |
|--|------------------------|--------------|------------------------|---------------|----|
| LM Start   | 0.24                   | Rating **    | A                      | Issue No.     | 7  |
| LM End   | 2.76                   | Issue Type + | Ma                     | Location *    | LS |
| Category   | Earthen Levee          |              | GPS Latitude/Longitude |               |    |
|  |                        |              | Start                  | End           |    |
| Item   | Vegetation             |              | 37.769732 °            | 37.749741 °   |    |
|  |                        |              | -121.301215 °          | -121.289034 ° |    |
| DWR ID   | DWR_RD2094_01_s_2017_7 |              |                        |               |    |
| Comment Code   |                        |              |                        |               |    |
| V1 : Control annual grass and weeds on the levee slopes and easements. |                        |              |                        |               |    |
| Inspector Comment  |                        |              |                        |               |    |
| Acceptable vegetation control.   |                        |              |                        |               |    |

Photo 1 of 1 : SP\_2017\_RD2094\_320\_7\_20170417\_00014.jpg



View of the acceptable vegetation control on the levee slope.

|  |  |   |   |
|--|--|---|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable | N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
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### Reclamation District No. 2094 Wathal

| Waterway                      | Bank | Unit Miles | Inspection Start/End     | Inspector        |
|-------------------------------|------|------------|--------------------------|------------------|
| Unit No. 02 San Joaquin River |      | 0.45       | 04/11/2017<br>04/11/2017 | Maksim Khashchuk |

|  |                        |              |    |                        |               |
|--|------------------------|--------------|----|------------------------|---------------|
| LM Start   | 0.01                   | Rating **    | A  | Issue No.              | 1             |
| LM End   | 0.44                   | Issue Type + | Ma | Location *             | WS            |
| Category   | Earthen Levee          |              |    | GPS Latitude/Longitude |               |
|  |                        |              |    | Start                  | End           |
| Item   | Vegetation             |              |    | 37.759253 °            | 37.760602 °   |
|  |                        |              |    | -121.299783 °          | -121.307040 ° |
| DWR ID   | DWR_RD2094_02_s_2017_1 |              |    |                        |               |
| Comment Code   |                        |              |    |                        |               |
| V1 : Control annual grass and weeds on the levee slopes and easements. |                        |              |    |                        |               |
| Inspector Comment  |                        |              |    |                        |               |
| Acceptable vegetation control.   |                        |              |    |                        |               |

Photo 1 of 1 : SP\_2017\_RD2094\_321\_1\_20170417\_00001.jpg



View of the acceptable vegetation on the levee slope.

|  |                        |              |    |                        |               |
|--|------------------------|--------------|----|------------------------|---------------|
| LM Start   | 0.05                   | Rating **    | M  | Issue No.              | 2             |
| LM End   | 0.22                   | Issue Type + | Ma | Location *             | WS            |
| Category   | Earthen Levee          |              |    | GPS Latitude/Longitude |               |
|  |                        |              |    | Start                  | End           |
| Item   | Erosion / Bank Caving  |              |    | 37.759549 °            | 37.760616 °   |
|  |                        |              |    | -121.300319 °          | -121.303081 ° |
| DWR ID   | DWR_RD2094_02_s_2017_2 |              |    |                        |               |
| Comment Code   |                        |              |    |                        |               |
| E2 : Schedule repair of erosion site prior to the next inspection. |                        |              |    |                        |               |
| Inspector Comment  |                        |              |    |                        |               |
|  |                        |              |    |                        |               |

Photo 1 of 1 : SP\_2017\_RD2094\_321\_2\_20170417\_00002.jpg



View of the wave wash erosion on the levee slope.

|  |  |  |  |   |  |   |  |
|--|--|--|--|---|--|---|--|
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|--|--|--|--|---|--|---|--|